DNR (Z) 1

(TRA CODE:IND-3)
DIRT N ROCK (Z TREAD)

Strong nylon carcass provides a high load carrying capacity. This specially designed carcass is more suitable for harbour services of high torque and heavy load than regular tire. The wider "double-herringbone" and non-directional tread bars make the tire better resistance to heat build-up and good slippage-proof. Suitable for straddle carriers, container forklifts, reach stackers and other machinery.

DNR (Z)II 2

(TRA CODE:IND-3)
DIRT N ROCK(Z TREAD)II

Strong nylon carcass provides superior load capability. This special carcass design is more suitable for harbour services of high torque and heavy load than regular tire. The wider "double-herringbone" and non-directional tread bars make the tire better resistance to heat build-up, good slippage-proof and provide good performance at higher speed over long working hours. Suitable for straddle carriers, container forklifts, reach stackers and other machinery.

DNR (Z)III

3

(TRA CODE:IND-3)
DIRT N ROCK(Z TREAD)III

Strong nylon carcass provides superior load capability. This special carcass design is more suitable for harbour services of high torque and heavy load than regular tire. The wider "double-herringbone" and non-directional tread bars make the tire better resistance to heat build-up, good slippage-proof and provide good performance at higher speed over long working hours. Suitable for straddle carriers, container forklifts, reach stackers and other machinery.

RSS E-3

4

(TRA CODE:IND-3)
ROCK STAR SUPREME E-3

The specially designed strong nylon carcass is more suitable for harbor services of high torque and heavy load than regular tire.Wide pattern design tread provides a longer tire life in harbor services.Suitable for straddle carriers, container forklifts, reach stackers and other machinery.

IS (IND-3) 5

(TRA CODE:IND-3)
INDUSTRIAL SPECIAL

This tread design is an item newly developed by our company. Strong nylon carcass provides superior load carrying capacity. This special carcass design is more suitable for harbor services of high torque and heavy load than regular tire. The wide riding tread, heavy lugs provide a superior long tire life. Suitable for container forklifts and other machineries.

IS (IND-4) 6

(TRA CODE:IND-4)
INDUSTRIAL SPECIAL

This tread design is an item newly developed by our company. Strong nylon carcass provides superior load carrying capacity. This special carcass design is more suitable for harbour services of high torque and heavy load than regular tire. The wide riding tread, heavy lugs and extra deep tread (50% deeper than IND-3 tire) provide a superior long tire life, reduce downtime loss from frequent tire changing and lower cost per hour. Suitable for straddle carriers, container forklifts and other machineries.

RSS 7

(TRA CODE:IND-4)
ROCK STAR SUPREME

Strong nylon carcass and extra deep tread provide a longer tire life in harbor services.The special construction design makes the tire more suitable for harbor services of high torque and heavy load than regular tire. Suitable for straddle carriers,container forklifts and other machinery.

SDNR, SDNR(II) 8

(TRA CODE:IND-4) SUPER DIRT N ROCK/
SUPER DIRT N ROCK(II)

Strong nylon carcass and premium deep tread design provide a longer tire life. The extra wide and deep lugs reduce slippage, increase stability and offer good traction, but its heat resistance is not good as IND-3 tires. Suitable for straddle carriers, container forklifts, reach stackers and other machinery.

SMCXT4 9

(TRA CODE:IND-4)SUPER MINING CONSTRUCTION EXTRA TREAD 4

Strong nylon carcass provides superior load carrying capacity. This special carcass design is more suitable for harbour services of high torque and heavy load than regular tire. The wide riding tread, heavy lugs and extra deep tread (50% deeper than IND-3 tire) can provide a superior long tire life, reduce downtime loss from frequent tire changing and lower cost per hour. Suitable for straddle carriers, container forklifts and other machineries.

SMLS 10

(TRA CODE:IND-4) SUPER MINING LOGGER SERVICE

Strong nylon carcass construction for high rigidity and heavy-load carrying capacity. Cross and extra deep tread design (50% deeper than IND-3 tire) can provide a superior long tire life. Greater numbers of lugs produce good radiation of heat. This harbour tire features both good heat resistance and wear resistance. Suitable for all kinds of harbour machinery.

SS,SS1 ,SSG(IND-4) 11

(TRA CODE:IND-4) SOOPER SCOOPER , SOOPER SCOOPER-1,SUPER SMOOTH

The specially designed strong nylon carcass provides superior load carrying capacity. This special carcass design is more suitable for harbor services of high torque and heavy load than regular tire. The wide riding tread surface, smooth tread pattern with no lugs and extra deep tread (1.5 times deep of IND-3 tires) provide a superior long tire life, reduce downtime loss from frequent tire changing and lower cost per hour. Good operation on rough road surface. Suitable for reach stackers, container forklifts and other machineries.

SS,SS1 (IND-5) 12

(TRA CODE:IND-5) SOOPER SCOOPER, SOOPER SCOOPER -1

The specially designed strong nylon carcass provides superior load carrying capacity. This special carcass design is more suitable for harbor services of high torque and heavy load than regular tire. The wide riding tread, smooth tread pattern with no lugs and extra deep tread (1.5 times deep of IND-3 tires) provide a superior long tire life, reduce downtime loss from frequent tire changing and lower cost per hour. Good operation on rough road surface. Suitable for reach stackers, container forklifts and other machineries.

SXMH 13

(TRA CODE:IND-4, IND-5) SUPER EXTRA MINE HAULAGE

Strong nylon carcass provides superior load carrying capacity. This special carcass design is more suitable for harbour services of high torque and heavy load than regular tire. The wide riding tread, heavy lugs and extra deep tread (50% deeper than IND-3 tire) can provide a superior long tire life, reduce downtime loss from frequent tire changing and lower cost per hour. Suitable for straddle carriers, container forklifts and other machineries.

HM-HT (IND-4) 14

(TRA CODE:IND-4) HARBOUR MASTER –HALF TREAD

The specially designed semi-pattern and semi-smooth tire deals with the side wear effectively which feazes the user for harbor services tires. The wide riding tread, heavy lugs and extra deep tread (50% deeper than IND-3) provide a superior long tire life, reduce downtime loss from frequent tire changing and lower cost per hour.. Suitable for straddle carriers, container forklifts and other machineries.

HM (IND-5) 15

(TRA CODE:IND-5) HARBOUR MASTER

The specially designed strong nylon carcass provides superior load carrying capacity. This special carcass design is more suitable for harbour services of high torque and heavy load than regular tire. The wide riding tread, heavy lugs and extra deep tread (50% deeper than IND-3) provide a superior long tire life, reduce downtime loss from frequent tire changing and lower cost per hour.. Suitable for straddle carriers, container forklifts and other machineries.

Tyre Size	Tread Pattern	P. R.	Type		Tread Depth		Standard Rim	Inflated Dimensions			
								Overall Width		Overall Diameter	
			TT	TL	mm	inch		mm	inch	mm	inch
12.00-20NHS	IS(IND-3)	20	△	—	20.0	0.79	8.50	315	12.4	1173	46.2
12.00-24NHS	DNR(Z) II (IND-3)	20	△	△	22.0	0.87	8.50	312	12.3	1247	49.1
		24	△	△							
	IS(IND-4)	20	△	—	33.5	1.32	8.50	315	12.4	1275	50.2
		24	△	—							
	SMLS(IND-4)	20	△	△	35.0	1.38	8.50	335	13.2	1272	50.1
		24	△	△							
	SXMH (IND-4)	20	△	△	38.0	1.50	8.50	350	13.8	1280	50.4
		24	△	△							
	SS1 (IND-4)	20	△	—	33.5	1.32	8.50	315	12.4	1275	50.2
		24	△	—							
	SS1 (IND-5)	20	△	—	56.0	2.20	8.50	315	12.4	1275	50.2
		24	△	—							
14.00-24NHS	DNR(Z) II (IND-3)	24	△	△	27.0	1.06	10.00W	376	14.8	1368	53.8
		28	△	△							
	DNR(Z)III (IND-3)	24	△	△	30.0	1.18	10.00W	376	14.8	1368	53.8
		28	△	△							
		32	△	△							
	IS(IND-4)	24	△	△	43.5	1.71	10.00W	375	14.8	1418	55.8
		28	△	△							
	SMLS(IND-4)	24	△	△	44.5	1.75	10.00W	404	15.9	1412	55.6
		28	△	△							
	SXMH (IND-4)	24	△	△	45.5	1.80	10.00W	361	14.2	1356	53.4
		28	△	△							
	SS(IND-5)	24	△	△	63.5	2.50	10.00W	375	14.8	1418	55.8
		28	△	△							

Tyre Size	Tread Pattern	P. R.	Type		Tread Depth		Standard Rim	Inflated Dimensions			
								Overall Width		Overall Diameter	
			TT	TL	mm	inch		mm	inch	mm	inch
14.00-25NHS	DNR(Z) II (IND-3)	24	△	△	27.0	1.06	10.00	376	14.8	1368	53.8
		28	△	—							
	SXMH (IND-4)	24	△	△	45.5	1.80	10.00	361	14.2	1356	53.4
		28	△	—							
16.00-25	DNR(Z) (IND-3)	28	△	△	28.5	1.12	11.25/2.0	455	17.9	1483	58.4
		32	△	△							
	SMCXT4 (IND-4)	28	△	△	50.5	2.00	11.25/2.0	429	16.9	1483	58.4
		32	△	△							
	SXMH (IND-4)	28	△	△	50.5	2.00	11.25/2.0	414	16.3	1486	58.5
		32	△	△							
18.00-25	DNR(Z) II (IND-3)	36	△	△	31.5	1.24	13.00/2.5	498	19.6	1618	63.7
		40	△	△							
		42	△	△							
	DNR(Z) III (IND-3)	36	△	△	28.0	1.10	13.00/2.5	498	19.6	1618	63.7
		40	△	△							
		42	△	△							
	RSS E-3 (IND-3)	40	—	△	34.0	1.34	13.00/2.5	504	19.8	1594	62.8
		42	—	△							
	IS (IND-4)	40	—	△	55.0	2.16	13.00/2.5	498	19.6	1673	65.9
		42	—	△							
	SDNR(IND-4)	40	—	△	53.5	2.12	13.00/2.5	536	21.1	1661	65.4
		42	—	△							
	SXMH (IND-4)	40	—	△	53.5	2.12	13.00/2.5	544	21.4	1666	65.6
		42	—	△							
	HM-HT(IND-4)	40	—	△	68.0	2.68	13.00/2.5	498	19.6	1673	65.9
		42	—	△							

Tyre Size	Tread Pattern	P. R.	Type		Tread Depth		Standard Rim	Inflated Dimensions			
								Overall Width		Overall Diameter	
			TT	TL	mm	inch		mm	inch	mm	inch
	* SS(IND-4)	40	—	△	53. 5	2.12	13.00/2.5	498	19.6	1673	65.9
	* SSG(IND-4)	40	—	△	53. 5	2.12	13.00/2.5	498	19.6	1673	65.9
	HM (IND-5)	40	—	△	78.0	3.07	13.00/2.5	498	19.6	1673	65.9
18.00-33	DNR(Z) (IND-3)	36	—	△	31.5	1.24	13.00/2.5	528	20.8	1811	71.3
	RSS(IND-4)	36	—	△	56.0	2.20	13.00/2.5	498	19.6	1877	73.9
		40	—	△							
	SDNR(IND-4)	36	—	△	53.5	2.12	13.00/2.5	528	20.8	1864	73.4
		40	—	△							
	SDNRII (IND-4)	36	—	△	53.5	2.12	13.00/2.5	498	19.6	1877	73.88
		40	—	△							
**21.00-25	DNR(Z) III (IND-3)	40	—	△	37.0	1.46	15.00/3.0	575	22.6	1758	69.2
	SXMH (IND-5)	40	—	△	76.0	3.00	15.00/3.0	617	24.3	1796	70.7
21.00-35	DNR(Z) (IND-3)	40	—	△	34.5	1.37	15.00/3.0	589	23.2	2004	78.9
		42	—	△							
	SDNR(IND-4)	40	—	△	53.5	2.12	15.00/3.0	589	23.2	2042	80.4
		42	—	△							
23.5-25	DNR(Z) III (IND-3)	40	—	△	38.0	1.50	19.50/2.5	597	23.5	1618	63.7
	SMCXT4 (IND-4)	40	—	△	63.5	2.50	19.50/2.5	630	24.8	1679	66.1
24.00-29	DNR(Z(IND-3)	42	—	△	38.0	1.50	17.00/3.5	681	26.8	1968	77.5
24.00-35	RSS E-3 (IND-3)	48	—	△	38.0	1.50	17.00/3.5	653	25.7	2128	83.76
	SDNR(IND-4)	42	—	△	57.0	2.25	17.00/3.5	683	26.9	2159	85.0
		48	—	△							

* For export sales. For local sales, please consutl our Tech. Dept.

** For tires over 32PR, the width of rim bead seat is 4.625", For tires below 32PR , it is 4".

Load and Inflation Pressure Table For Some OTR Tires in Harbor and Industrial Services (For Ground Grading)

Tyre Size	P. R.	INFL (kpa)	Tire load limits at various speed (kg)						
			Static	creep	4km/h	10km/h	15km/h	20km/h	25km/h
12.00-20NHS	20	1000	11400	10150	9200	8550	8250	8050	7900
12.00-24NHS	20	1000	12400	11000	10000	9300	8950	8750	8600
	24	1000	13600	12150	11000	10250	9850	9650	9500
14.00-24/25NHS	24	1000	17100	15200	13750	12800	12350	12050	11850
	28	1000	18000	16000	14500	13500	13000	12700	12500
	32	1000	18840	16750	15180	14130	13610	13290	13080
16.00-25	28	900	20700	18400	16650	15500	14950	14600	14350
	32	1000	22100	19650	17800	16600	16000	15600	15350
18.00-25	36	1000	28800	25600	23200	21600	20800	20300	20000
	40	1000	30600	27200	24650	22950	22100	21600	21250
	42	1000	31500	28000	25350	23600	22750	22200	21850
18.00-33	36	1000	33300	29600	26800	24950	24050	23500	23100
	40	1000	36000	32000	29000	27000	26000	25400	25000
21.00-25	40	960	35450	31500	28550	26600	25600	25000	24600
	42	1000	36100	32090	29080	27080	26070	25470	25070
21.00-35	40	990	43680	38810	35180	32720	31540	30800	30310
	42	1000	44450	39500	35800	33300	32100	31350	30850
23.5-25	40	990	31100	27600	25000	23300	22400	2190	21600
24.00-29	42	870	47300	42050	38100	35500	34200	33400	32850
24.00-35	42	900	52200	46400	42050	39150	37700	36830	36250
	48	1000	56160	49920	45240	42120	40560	39620	39000

NOTES:

1. The load of steering tires on forklift will be 80% of that show in the above table.
2. Please consult rim factory for rim strength.
3. Please consult our Tech. Dept. for any uncertainty.